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New insoluble s-triazine compounds - for use in compositions to protect sensitive materials from UV radiation.

Patent Assignee: L'OREAL SA (OREA); SOC L'OREAL SA (OREA)

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Number of Countries: 014 Number of Patents: 011

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 790243	A1	19970820	EP 97400070	A	19970115	199738 B
FR 2744721	A1	19970814	FR 961692	A	19960212	199740
JP 9227533	A	19970902	JP 9727125	A	19970210	199745
CA 2197346	A	19970813	CA 2197346	A	19970211	199751
JP 2820401	B2	19981105	JP 9727125	A	19970210	199849
US 5849909	A	19981215	US 97798136	A	19970212	199906
EP 790243	B1	19990317	EP 97400070	A	19970115	199915
DE 69700137	E	19990422	DE 600137	A	19970115	199922
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US 5928630	A	19990727	US 97798136	A	19970212	199936
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ES 2132998	T3	19990816	EP 97400070	A	19970115	199939
CA 2197346	C	20001031	CA 2197346	A	19970211	200060

Priority Applications (No Type Date): FR 961692 A 19960212

Cited Patents: 1.Jnl.Ref; DE 4105923; EP 507691; EP 507692

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 790243	A1	F	11	C07D-251/70	
Designated States (Regional): AT BE CH DE ES FR GB IT LI NL SE					
FR 2744721	A1		18	C07D-251/54	
JP 9227533	A		9	C07D-251/70	
CA 2197346	A			C07D-251/70	
JP 2820401	B2		9	C07D-251/70	Previous Publ. patent JP 9227533
US 5849909	A			C07D-251/70	
EP 790243	B1	F		C07D-251/70	
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DE 69700137	E			C07D-251/70	Based on patent EP 790243
US 5928630	A			A61K-007/42	Div ex application US 97798136
ES 2132998	T3			C07D-251/70	Based on patent EP 790243
CA 2197346	C	F		C07D-251/70	

Abstract (Basic): EP 790243 A

Insoluble s-triazine compounds (I) of the following formula are new: in which R₁, R₁' and R₁'' are: where -R₂ and R₂' are 1-3C alkyl groups; -R₃ is H, an 1-4C alkyl group, or a 1-4C alkoxy group; -R₄ is a 1-12C alkyl group; -X₁ is H or a phenyl group, possibly substituted by a halogen, a 1-4C alkyl group or a 1-4C alkoxy group. Also claimed is a composition (IV) to protect sensitive materials from UV radiation comprising (I). Also claimed is a method (V) of protecting sensitive materials from UV radiation comprising the application of (IV) to, or

the incorporation of (IV) in, the sensitive material.

USE - (I) is used in compositions to protect sensitive materials from UV radiation, in particular in cosmetic composition for the protection of the skin and/or hair and in varnishes for the protection of organic or mineral glass and/or plastic materials (claimed).

ADVANTAGE - (I) combines scatter filter and absorption properties. Unlike compositions prepared according to prior art, (IV) is stable and non-irritant.

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Title Terms: NEW; INSOLUBLE; TRIAZINE; COMPOUND; COMPOSITION; PROTECT;
SENSITIVE; MATERIAL; ULTRAVIOLET; RADIATE

Derwent Class: A60; D21; E13; G02

International Patent Class (Main): A61K-007/42; C07D-251/54; C07D-251/70

International Patent Class (Additional): A61K-007/00; A61K-007/40;

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File Segment: CPI